

<u>10</u>

Fig. 1 (Prior Art)

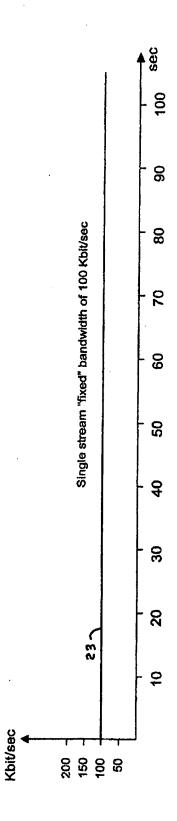


FIG. 2 (Prior Art)

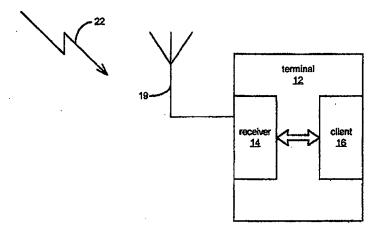


Fig. 3

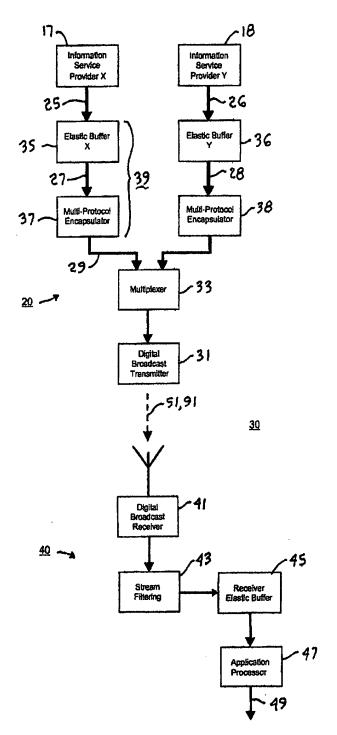
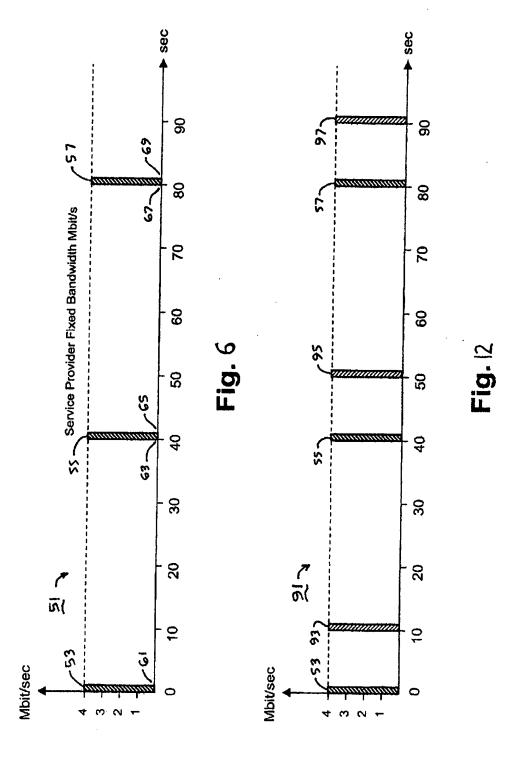
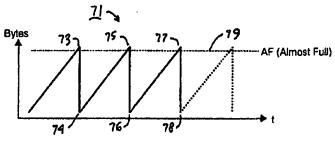


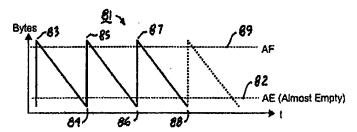
Fig. 4





Elastic Buffer X Data Characteristics

Fig. 5



Receiver Elastic Buffer Data Characteristics

Fig. II

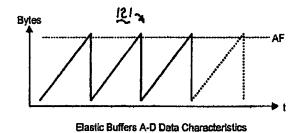


Fig. 14

Syntax		No. of bits
Data_broadcast_descriptor() {		
Descriptor_tag		8
Descriptor length	-	8
Data_broadcast_id	80	16
Component_tag		8
Selector_length		8
For (I=0; I <selector_length, i++)="" td="" {<=""><td></td><td></td></selector_length,>		
Selector_byte		8
}		
ISO_639_language_code		24
Text_length		8
For (I=0, I <text_length, i++)="" td="" {<=""><td></td><td></td></text_length,>		
Text_char		8
}		
}		

Fig. 7

Syntax	No. of bits
Datagram section() {	
Table_id	8
Section_syntax_indicator	1
Private indicator	1
Reserved	2
Section_length	12
MAC_address_6 90-6	8
MAC_address_5 90-5	8
Reserved	2
Payload_scrambling_control	2
Address_scrambling_control	2
LLC_SNAP_flag	1
Current_next_indicator	1
Section_number	8
Last_section_number	8
MAC_address_4 90-4	8
MAC_address_3 90-3	8
MAC_address_2 90-2	8
MAC_address_1 90-1	8
If (LLC SNAP flag == '1') {	
LLC_SNAP()	
} else {	
for (j=0;j <n1;j++){< td=""><td></td></n1;j++){<>	
IP_datagram_data_byte	8
}	
}	
If (section_number == last_section_number)	{
For (j=0;j <n2;j++) td="" {<=""><td></td></n2;j++)>	
Stuffing_byte	8
}	
}	
If (section_syntax_indicator=='0'){	
Checksum	32
} else {	
CRC_32	32
}	
}	

Fig. 8

Syntax		No. of bits
Multiprotocol_encapsulation_info () {	-	
MAC_address_range	<u>92</u>	3
MAC_IP_mapping_flag	<u>94</u>	1
Alignment indicator		1
Reserved	<u>96</u>	3
Max_section_per_datagram		8
}		

Fig. 9

MAC_address_range	Valid MAC_address bytes
0x00	Reserved
0x01	6
0x02	6, 5
0x03	6, 5, 4
0x04	6, 5, 4, 3
0x05	6, 5, 4, 3, 2
0x06	6, 5, 4, 3, 2, 1
0x07	Reserved

Fig. 10

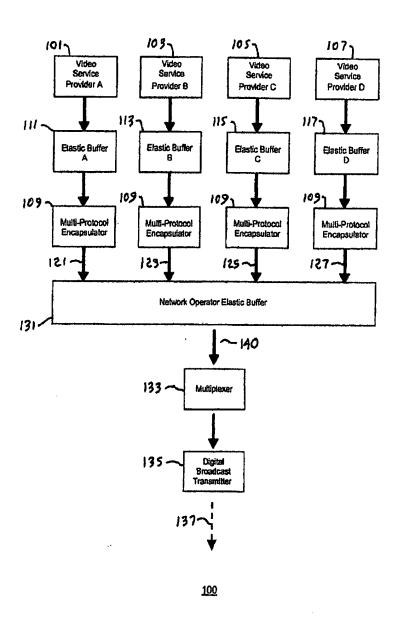


Fig. 13

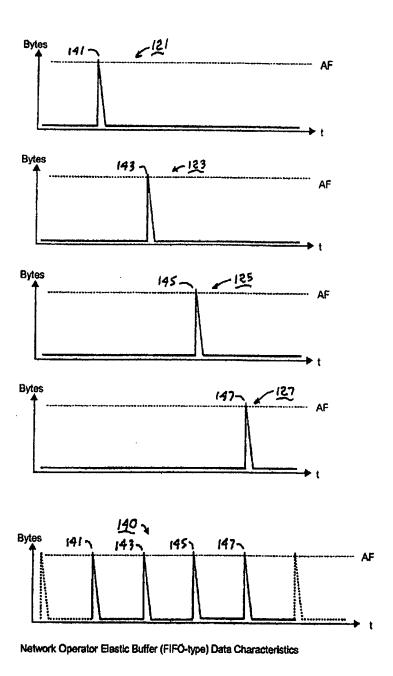


Fig. 15

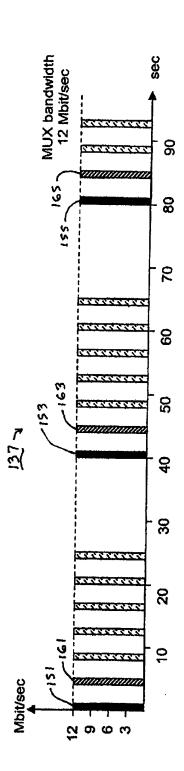


Fig. /

	1701 Data service 1 from video service provider A	1702 Data service 2 from video service provider A	Time	
■ Bit rate	17	17		

		Time
	1702-4	
:	1701-4	
	1702-3	
	<u>1701-3</u>	
	<u>1702-2</u>	
	1701-2	
	1702-1	
Bit rate	1701-1	
В —		

Fig. 18

i			Time	
	1903 Data service 3 from video service provider B	1904 Data service 4 from video service provider B		
bit fate				

Fig. 19

Time ▲ 1904-4 1903-4 1904-3 1903-3 1904-2 1903-2 1904-1 1903-1 ▲ Bit rate

Fig. 20

1904-8	
1702-8	
1903-8	
1701-8	
1904-7	
1702-7	
1903-7	
1701-7	-
1904-6	
1702-6	
1903-6	
1701-6	
1904-5	
1701-5 1903-5 1702-5	
1903-5	
1701-5	

▲ Bit rate

Fig. 21

		4 2202-1	3 2202-2	2 2202-3	1 2202-4	0 <u>2202-5</u>	
		packet 2200-1	packet 2200-2	packet 2200-3	packet 2200-4	packet 2200-5	
				•	2300	-	ı
				Fig. 2	3		
2200		1 2204-1	0 2204-2	0 2204-3	0 2204-4	0 <u>2204-5</u>	
		packet 2200-1	packet 2200-2	packet 2200-3	packet 2200-4	packet 2200-5	:
				<u> </u>			
				rig. Z	4		
	0 2206-1			1 — 2206-3			220
	original burst		ipy irst	copy burst		ginal erst	co bu
	2200	0 2206-1	2202-1 packet 2200-1 2204-1 packet 2200-1	2202-1 2202-2 packet 2200-1 2200-2 2204-1 0 2204-2 packet 2200-1 2200-2	2202-1 2202-2 2202-3 packet 2200-1 2200-2 2200-3 Fig. 2: 2200	2202-1 2202-2 2202-3 2202-4 packet 2200-1 2200-2 2200-3 2200-4 2300 Fig. 23 2204-1 200-2 2204-3 2204-4 packet 2200-1 2204-2 2204-3 2204-4 packet 2200-1 2200-2 2200-3 2200-4 Packet 2200-1 2200-2 2200-3 2200-4 Packet 2200-1 2200-2 2200-3 2200-4	2202-1 2202-2 2202-3 2202-4 2202-5 packet packet packet packet packet 2200-1 2200-2 Fig. 23 Fig. 23 Fig. 24 2202-1 2202-2 2202-3 2202-4 2202-5 Packet packet packet packet 2204-4 2204-5 Packet packet 2200-1 2200-2 2202-3 2202-4 2200-5 Packet packet packet 2200-2 2202-3 2202-4 2200-5 Packet 2200-1 2200-2 2202-3 2202-4 2200-5

Fig. 25

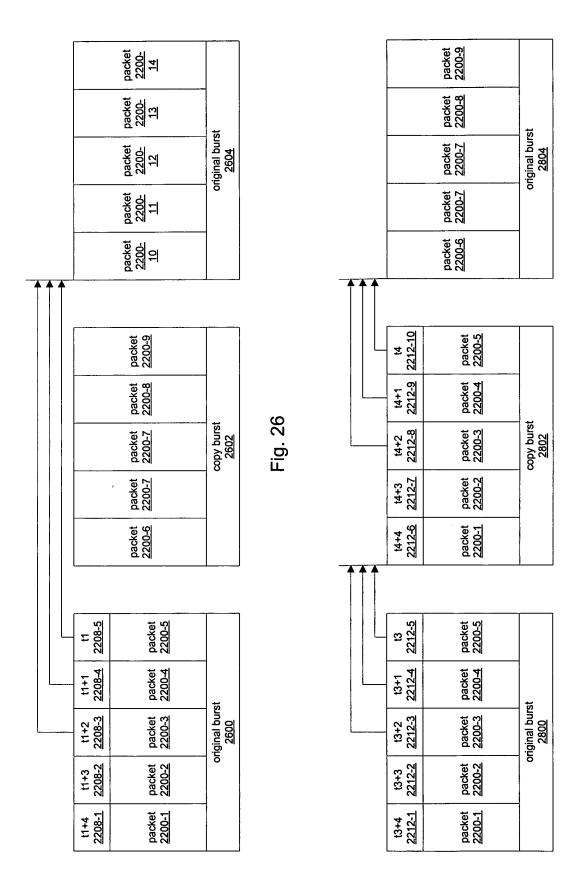


Fig. 28

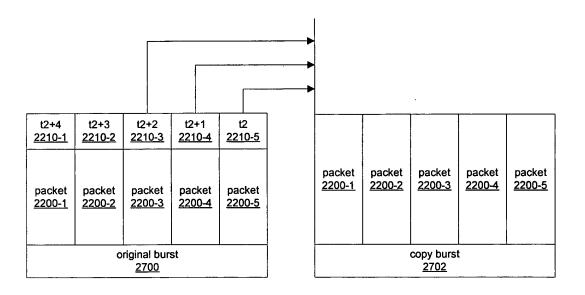


Fig. 27

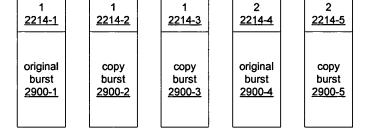


Fig. 29